



UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)

FORM 1 -- Catchment Information

Subwatershed: Horsepen BranchLocation of Catchment Centroid on ADC Map: Year: 2001 Page: 9 Grid: H7State Plane Coordinates of Outfall Location: X: 1375136 Y: 488556Closest Road Intersection to Outfall: Railroad Avenue and Chapel AvenueOutfall SDI ID or Outfall Description: drains to beginning of stream running along railroad

Objective: Demonstration / Impairment(s) (Sheet 1) _____

Drainage Area (ac): 3.8 Impervious Area (ac): 0.6Percent Impervious: 16% Soil Recharge Factor (S): 0.26WQ_v (required): 0.05 Re_v (required): 0.01Predominant Land Use: residential Mean Depth to Ground Water: >=5ftSanitary System: ☐ Septic ☒ Municipal Sewer Water Supply: ☐ On Site Well ☒ Public Water**Storm Drainage System Within Catchment**Piped: 0% Open Channels: 100%Area Drained by System: 100%Location in Catchment: ☐ Headwaters ☐ Middle ☐ Lower ☒ AllOpen Channel Lining- Vegetation: 0% Riprap: 100% Concrete: 0% Other: 0%**Existing IMP(s) / BMP(s)**

SDI ID: _____ Type (number from Sheets 4 & 5): _____ Age: _____

Closest Road Intersection to IMP / BMP: _____

Catchment Area Treated (ac) : _____ Percentage Catchment Treated: _____

WQ_v Provided: ☐ YES ☐ NO Re_v Provided: ☐ YES ☐ NO C_p Provided: ☐ YES ☐ NO

SDI ID: _____ Type (number from Sheets 4 & 5): _____ Age: _____

Closest Road Intersection to IMP / BMP: _____

Catchment Area Treated (ac) : _____ Percentage Catchment Treated: _____

WQ_v Provided: ☐ YES ☐ NO Re_v Provided: ☐ YES ☐ NO C_p Provided: ☐ YES ☐ NO

SDI ID: _____ Type (number from Sheets 4 & 5): _____ Age: _____

Closest Road Intersection to IMP / BMP: _____

Catchment Area Treated (ac) : _____ Percentage Catchment Treated: _____

WQ_v Provided: ☐ YES ☐ NO Re_v Provided: ☐ YES ☐ NO C_p Provided: ☐ YES ☐ NO

UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)
FORM 1 -- Catchment Information (concluded)

CATCHMENT SUMMARY

WQ_v (provided): _____

Re_v (provided) : _____

Area Treated (ac): _____

Impervious Area Treated (ac): _____

Area Treated (%): _____

Impervious Area Treated (%): _____

Comments

UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS) FORM 2 -- Site Information

Site Name: 10th Street Cul de Sac Address: 10th Street, Bowie MD, 20720

Site Owner: Prince Georges County own roads; various homeowners own surrounding lots

State Plane Coordinates of Site Centroid: X: 1375498 Y: 488334 Date: 4/25/03

Personnel: PM Weather: overcast, 70F deg

Area (ac): 3.8 Impervious Area (ac): 0.6

Percent Impervious: 16% Soil Recharge Factor (S): 0.26

WQ_v (required): 0.05 Re_v (required): 0.01

Property Area (ac): 3.5 Property Area Included in Site: 92 %

Amount of Catchment Occupied by Site: 100 %

Storm Drainage System Within Site

Piped: 0% Open Channels: 100% Area Drained by System: 100%

Open Channel Lining - Vegetation: 0% Riprap: 100% Concrete: 0% Other: 0%

Existing IMP(s) / BMP(s) (Identified on Page 1, FORM 1, Catchment Information)

SDI ID: _____ Condition: ☐ Excellent ☐ Good ☐ Average ☐ Fair ☐ Poor

SDI ID: _____ Condition: ☐ Excellent ☐ Good ☐ Average ☐ Fair ☐ Poor

SDI ID: _____ Condition: ☐ Excellent ☐ Good ☐ Average ☐ Fair ☐ Poor

Site Information

Type of Pavement: ☒ Bituminous ☐ Concrete ☐ Gravel ☐ Grid Pavers ☐ Other _____

Pavement Condition: ☐ Excellent ☐ Good ☒ Average ☐ Fair ☐ Poor

Underdrains can be easily directed to existing storm drains or daylighted: ☒ YES ☐ NO

Gutter/Exterior Downspouts Present: ☐ YES ☐ NO

Roof Connected Directly to Storm Drain: ☐ YES ☐ NO

Roof Drains onto Impervious Surface: ☐ YES ☐ NO

Obvious Existing Drainage Problems: ☐ Extensive ☒ Moderate ☐ Average ☐ Limited ☐ None

Steep Slopes Present: ☐ Extensive ☐ Moderate ☐ Average ☒ Limited ☐ None

Existing Landscaping: ☐ Extensive ☐ Moderate ☐ Average ☐ Limited ☒ None

Mature / Specimen Trees: ☐ Extensive ☐ Moderate ☐ Average ☐ Limited ☒ None

Area Available for Aboveground BMPs: ☐ Extensive ☒ Moderate ☐ Average ☐ Limited ☐ None

Existing Cover of Potential Aboveground BMP Locations: ☒ Grass ☐ Landscaped ☐ Gravel ☐ Other Pervious
☐ Pavement ☐ Other Impervious

UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)

FORM 2 -- Site Information (concluded)

Commercial / Institutional

Islands Present: ☐ YES ☒ NOCurb Present Around Island: ☐ YES ☐ NOGround Level of Island Relative to Pavement: ☐ Above ☐ Equal ☐ Below
 Island Landscaping: ☐ Impervious ☐ Bare Earth ☐ Gravel ☐ Grass ☐ Mulch ☐ Herbaceous Plants ☐ Shrubs
☐ Trees (<2 in. DBH) ☐ Trees (2 - 6 in. DBH) ☐ Trees (>6 in. DBH)
Trees have sufficient spacing to allow IMPs ☐ YES ☐ NO

Parking area that can be directed to potential treatment area with little grading: _____

SITE SUMMARY

WQ_v (provided) : _____Re_v (provided): _____

Area Treated (ac) : _____

Impervious Area Treated (ac): _____

Area Treated (%) : _____

Impervious Area Treated (%): _____

Photographs

No. <u>674</u>	Description: <u>looking southeast to ditch outlet</u>
No. <u>675</u>	Description: <u>looking north to cul de sac</u>
No. <u>676</u>	Description: <u>looking north along ditch</u>
No. <u>677</u>	Description: <u>looking northeast across ditch</u>
No. <u>678</u>	Description: <u>looking southeast across cul de sac</u>
No. _____	Description: _____
No. _____	Description: _____
No. _____	Description: _____
No. _____	Description: _____
No. _____	Description: _____

Comments

Site is actually comprised of multiple private properties, as well as Prince Georges
County roads.

UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)
FORM 2 -- Site Information



674



675



676



677



678